AR03.10-P-7311-01V	Measure end clearance of piston rings		

Modification notes

12.6.02	Value in line 1001 for Engine 113.967 modified from 0.012...0.060 to 0.033...0.07 and from 0010...0.030 to 0.01...0.04	Value in BE03.10-P-1001-05B for Engine 113.967 modified	*BE03.10-P-1001-05B

Test values for piston rings

Number	Designation			Engine 112.910/ 911/912	Engine 112.920/ 921/922/923/940/ 941/942/943/944/ 945/946/947/948/ 960, 113.940/941/942/ 943	Engine 113.944/ 980/981/982/984
BE03.10-P-1001-05B	Vertical clearance of piston ring	Groove 1	mm	0,012...0,060	0,012...0,060	0,012...0,060
		Groove 2	mm	0,010...0,030	0,010...0,030	0,010...0,030

Test values for piston rings

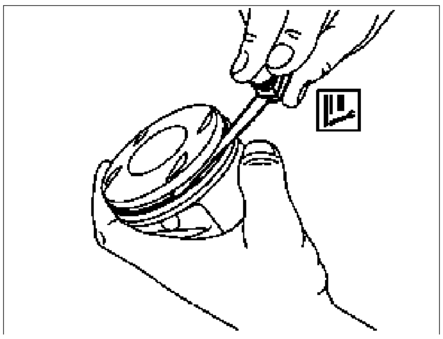
Number	Designation			Engine 113.960/ 961/962/963/965/ 968	Engine 113.967
BE03.10-P-1001-05B	Vertical clearance of piston ring	Groove 1	mm	0,012...0,060	0,033...0,070
		Groove 2	mm	0,010...0,030	0,01...0,04

Commercially available tools (see Workshop Equipment Manual)

Number	Designation	Make (e.g.)	Order number
WH58.30-Z-1008-12A	Feeler gage	Stiefelmayer D-73734 Esslingen	59

1 Use the feeler gage to measure end clearance of compression rings between compression ring and mounting groove in the piston; replace compression rings or piston, if necessary.

The end clearance of the oil scraper ring cannot be checked because of its three-part design. If the compression rings are replaced, the oil scraper ring must also be replaced.



P03.10-2034-01